# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Friday 22 Dec 2023 until 23:59 on Saturday 23 Dec 2023

Forecast Issued on Friday 22 Dec 2023 at 00:55

**Confidence:** High confidence for windy conditions until Boxing Day with periods of gales for the first few days, wet conditions on Friday and Saturday may make walking conditions poor with spells of poor visibility.

**Headline for Friday 22 Dec 2023:** Blustery showers may group to give longer spells of rain, a few brighter spells too, feeling cold on the higher tops in strong winds.

**Mountain weather hazards on Friday 22 Dec 2023**

**Blizzards**
No Likelihood

**Heavy persistent snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
High Likelihood

**Severe chill effect**
Low Likelihood

**Poor visibility**
Medium Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
Low Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Heavy Rain | Heavy Rain | Light rain | Cloudy | Cloudy | Light rain |
| Precipitation probability | | | | | |
| 40% | 60% | 60% | 20% | 20% | 30% |

**Forecast for Friday 22 Dec 2023**

**Weather:** Frequent blustery or squally showers will move through the Peak District on Friday, mostly cloudy in between showers and quite dull. Showers may cluster together to give longer spells of rain particularly in the northwest of the area. Very gusty winds around heavier showers particularly during the afternoon. Showers perhaps turning to more persistent rain through the evening.

**Chance of cloud-free hill tops above 600m:** 40%, low cloud associated with showers throughout the day.

**Low cloud and visibility:** Scattered or broken cloud above 400m can be expected throughout the day, cloud may clear briefly out with showers but as showers gather it will become more overcast. Visibility will be moderate or good out with showers but turning poor in showers temporarily.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

# Mountain Weather Forecast

**Forecast for Friday 22 Dec 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 37/46 W | 37/49 W | 36/48 W | 35/47 W | 31/42 W | 31/43 W | 34/46 W |
| **300** | 28/38 W | 28/41 W | 27/40 W | 27/40 W | 24/36 W | 23/35 W | 25/37 W |
| **Valley** | 19/40 W | 21/43 W | 21/42 W | 20/40 W | 18/36 W | 17/34 W | 18/37 W |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 5/-1 | 5/-2 | 5/-2 | 5/-2 | 5/-1 | 5/-2 | 5/-1 |
| **300** | 8/2 | 8/2 | 7/2 | 7/2 | 7/3 | 7/3 | 7/2 |
| **Valley** | 8/4 | 8/4 | 8/3 | 8/4 | 8/4 | 8/4 | 8/4 |
| **Freezing Level*** | 1400m | 1500m | 1400m | 1400m | 1400m | 1400m | 1600m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Feeling cold on the hills in the very strong winds, especially gusty around any showers.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Fri 22 Dec 2023 | 8.6mm | 22.6mm | 26.2mm |

**Forecast for Saturday 23 Dec 2023**

**Weather:** Showery rain expected at times during the day on Saturday with strong westerly winds continuing, gales on higher summits. The best conditions will be found in the east. Perhaps some drier conditions at times but remaining mostly cloudy and quite dull.

**Maximum wind:** Westerly 20-25mph gusts 35-40mph.

**Chance of cloud-free hill tops above 600m:** 30%, a lot of persistent low cloud particularly in the west.

**Low cloud and visibility:** Perhaps some cloud free tops during the morning but low cloud tending to form especially around northwestern areas towards Glossop, becoming broken with bases above 500m. Visibility will be moderate or poor for much of the day.

**Temperature:** **Valleys:** Plus 10 Celsius.
**At 600m:** Plus 7 Celsius.
**Freezing level:** Above all summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.